

Db 21 GlnuRgArGleuAlaLysGlyLeuLysLeuSbnYrProGluArgValAlaLeuLleSer 40
QY 326 GCCCATATTATGACGAGCGCGCTTGAAAAAACCGTTGCCACCTTATGAGAG 385
Db 41 CyAlaLleMetGluGlyAlaArgGluGly--LysThrValAlaGlnLeuMetSerGlu 59
QY 386 TGCATGACATTTTGAAGAAAAAGATAGTAATGCCCGGGGTGGTAATAGTTCGGAT 445
Db 60 GLYArGThrValLeuThrAlaGluGlnValMetGluGlyValProGluMetLleLysAsp 79
QY 446 CTAGGTGTAGAACCCACCTTTCTGATGTAGTACGAACTGTACTGTGATTTGCCCATC 505
Db 80 ValGlnValGluGlyThrPheProAspGlyThrLysLeuValSerLleHisSerProIle 99

RESULT 5

US-08-432-697-23
Sequence 23, Application US/08432697
Patent No. 6248330

GENERAL INFORMATION:

APPLICANT: Lablign, Agnes
APPLICANT: Sauerbaum, Sebastian
APPLICANT: Ferrero, Richard L.
APPLICANT: Thiberge, Jean-Michel
TITLE OF INVENTION: IMMUNOGENIC COMPOSITIONS AGAINST
TITLE OF INVENTION: HELICOBACTER INFECTION, POLYPEPTIDES FOR USE IN THE
TITLE OF INVENTION: COMPOSITIONS, AND NUCLEIC ACID SEQUENCES ENCODING SAID
NUMBER OF SEQUENCES: 44
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pinegan, Henderson, Farabow, Garrett &
ADDRESS: Dunner
STREET: 1300 I Street, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20005-3315

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/432,697
FILING DATE: 02-MAY-1995
CLASSIFICATION: 424

ATTORNEY/AGENT INFORMATION:
NAME: Meyers, Kenneth J.
REGISTRATION NUMBER: 25,146
REFERENCE/DOCKET NUMBER: 03495.0137-00000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 408-4000
TELEFAX: (202) 408-4400

INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 100 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein

Alignment Scores:
1-08-432-697-23

ed. No.: 7.61e-17
ore: 261.50
cent Similarity: 73.00%
at Local Similarity: 56.00%
ery Match: 5.08%
Length: 100
Matches: 56
Conservative: 17
Mismatch: 26
Indels: 1
Gaps: 1

-09-904-994b-1 (1-2883) x US-08-432-697-23 (1-100)

206 GTGAACTGACACCAAGAGAGAAAGTTCTGTATATTATGCGGCGAAGTGGCT 265

Db 1 MetGluLeuThrProArgGluLysAspLysLeuLeuLeuPheThrAlaGlyLeuValAla 20
QY 266 AGAAGCGCAAGAGAGCGCTTAACTCAACCAACCGGAGCCATGCTTACATTAAGT 325
Db 21 GlnuRgArGleuAlaLysGlyLeuLysLeuSbnYrProGluArgValAlaLeuLleSer 40
QY 326 GCCCATATTATGACGAGCGCGCTTGAAAAAACCGTTGCCACCTTATGAGAG 385
Db 41 CyAlaLleMetGluGlyAlaArgGluGly--LysThrValAlaGlnLeuMetSerGlu 59
QY 386 TGCATGACATTTTGAAGAAAAAGATAGTAATGCCCGGGGTGGTAATAGTTCGGAT 445
Db 60 GLYArGThrValLeuThrAlaGluGlnValMetGluGlyValProGluMetLleLysAsp 79
QY 446 CTAGGTGTAGAACCCACCTTTCTGATGTAGTACGAACTGTACTGTGATTTGCCCATC 505
Db 80 ValGlnValGluGlyThrPheProAspGlyThrLysLeuValSerLleHisSerProIle 99

RESULT 6

US-08-466-248-23
Sequence 23, Application US/08466248
Patent No. 6258359

GENERAL INFORMATION:

APPLICANT: Lablign, Agnes
APPLICANT: Sauerbaum, Sebastian
APPLICANT: Ferrero, Richard L.
APPLICANT: Thiberge, Jean-Michel
TITLE OF INVENTION: IMMUNOGENIC COMPOSITIONS AGAINST
TITLE OF INVENTION: HELICOBACTER INFECTION, POLYPEPTIDES FOR USE IN THE
TITLE OF INVENTION: COMPOSITIONS, AND NUCLEIC ACID SEQUENCES ENCODING SAID
NUMBER OF SEQUENCES: 44
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pinegan, Henderson, Farabow, Garrett &
ADDRESS: Dunner
STREET: 1300 I Street, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20005-3315

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/466,248
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/447,177
FILING DATE: 19-MAY-1995
CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/432,697
FILING DATE: 02-MAY-1995
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
NAME: Meyers, Kenneth J.
REGISTRATION NUMBER: 25,146
REFERENCE/DOCKET NUMBER: 03495.0137-02000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 408-4000
TELEFAX: (202) 408-4400

INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 100 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein

US-08-466-248-23

/ APPLICANT: Londono-Arcila, Patricia
 / APPLICANT: Freeman, Donna
 / TITLE OF INVENTION: Use of salmonella vectors for
 / TITLE OF INVENTION: vaccination against helicobacter infection
 / FILE REFERENCE: 06132/060001
 / CURRENT APPLICATION NUMBER: US/09/431,705
 / CURRENT FILING DATE: 1999-11-01
 / NUMBER OF SEQ ID NOS: 52
 / SOFTWARE: FastSeq for Windows Version 4.0
 / SEQ ID NO 19
 / LENGTH: 4824
 / TYPE: DNA
 / ORGANISM: Artificial Sequence
 / FEATURE:
 / OTHER INFORMATION: includes sequences from Helicobacter pylori,
 / OTHER INFORMATION: Salmonella typhimurium, and Escherichia coli
 / NAME/KEY: CDS
 / LOCATION: (3893)...(3934)
 / NAME/KEY: CDS
 / LOCATION: (3938)...(4027)
 / NAME/KEY: CDS
 / LOCATION: (4031)...(4285)
 / NAME/KEY: CDS
 / LOCATION: (4289)...(4300)
 / NAME/KEY: CDS
 / LOCATION: (4304)...(4408)
 / NAME/KEY: CDS
 / LOCATION: (4412)...(4471)
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 / LOCATION: (4475)...(4588)
 / NAME/KEY: CDS
 / LOCATION: (4592)...(4669)
 / NAME/KEY: CDS
 / LOCATION: (4673)...(4711)
 / NAME/KEY: CDS
 / LOCATION: (4715)...(4774)
 / NAME/KEY: CDS
 / LOCATION: (4784)...(4824)
 / US-09-431-705-19

Alignment Scores:
 Pred. No.: 2, 9e-70 Length: 4824
 Score: 610.50 Matches: 118
 Percent Similarity: 71.888 Conservative: 43
 Best Local Similarity: 52.688 Mismatches: 62
 Query Match: 51.694 Indels: 1
 DB: 4 Gaps: 1

US-09-904-994b-2 (1-226) x US-09-431-705-19 (1-4824)

QY 1 VallyLeuThrProlysgluIngluylsPheLeuTyrtYrAlaGlyValAla 20
 DB 86 ATGAACCTACCCCAAGAGGTTAGATGATGATGCTCACTGACGCGAGATGGCT 145
 QY 21 ArglyLeuValAlaGluGlyLeuValLeuGluIngluylsPheLeuTyrtYrAla 40
 DB 146 AAAAAAGCAAGAAAGAGGATTAAGCTTAAGTGAAGAGCACTGATGATGAT 205
 QY 41 AlaHisLeuMetAspGluAlaArgGlyValysPheThrValAlaGluIngluyls 60
 DB 206 GCCCATATTAAGAGAGAGGAGAGGCTGTTAAAAAGCTGCGGCTGATGATGAGAA 265
 QY 61 CysMetHisPheLeuValysPheValMetProGlyValGlyAsnMetValProAsp 80
 DB 266 GGGCGGCACTCTTTAAAACCAAGATGATGATGATGATGATGATGATGATGATGAA 325
 QY 81 LeuGlyValGluAlaThrPheProAspGlyThrValysValThrValAsnTrpProile 100
 DB 326 GGGGATATTAAGAGAGGAGGATGATGATGATGATGATGATGATGATGATGATGAT 385
 QY 101 GluProAspGluHisPheValAlaGlyValysPheGlyCysAspValysPheIleGly 120
 DB 386 GAGGCGCAATGATTAAGTCTGATGATGATGATGATGATGATGATGATGATGATGAT 442

QY 121 LeuAsnAlaGlyValysPheValThrGluLeuGluValThrAsnGluGlyProlyserLeu 140
 DB 443 ATCAACGAGAGGCAAGAAAGCCCTTACGCTGAAGTTAAAAAGTTGGCCACAGACCGGTT 502
 QY 141 HisValGlySerHisPheHisPheGluAlaAsnValAlaLeuValysPheAspArgGlu 160
 DB 503 CAATCGGCTCACATTCATTTCTTGAAGAGATGATGATGATGATGATGATGATGATGAT 562
 QY 161 LysAlaTyrglyValysPheLeuAspIleProSerGlyAsnThrLeuArgIleGlyAlaGly 180
 DB 563 AAAACCTTCGTTAAAGCTTACACATTCGACGCGGAGACGCGGTAAGATTGAGCGCTGC 622
 QY 181 GluThrArglyValGluLeuIleProLeuGlyGlySerValysValIleGlyMetAsn 200
 DB 623 GAGAGAAATCCGTTAAATTTGATGATGATGATGATGATGATGATGATGATGATGAT 682
 QY 201 GlyLeuValAsnAsnIleAlaAspGluArgHisLysHisLysAlaLeuAspValys 220
 DB 683 GCATTGCTTGATAGACAGACAGACAGACAGACAGACAGACAGACAGACAGACAGCTAAA 742
 QY 221 SerHisGlyPhe 224
 DB 743 GAGCGTGGTTTT 754
 RESULT 5
 US-08-467-822-19
 / Sequence 19, Application US/08467822
 / Patent No. 5843460
 / GENERAL INFORMATION:
 / APPLICANT: Labigne, Agnes
 / APPLICANT: Sauerbaum, Sebastian
 / APPLICANT: Ferrero, Richard L.
 / APPLICANT: Thibierge, Jean-Michel
 / TITLE OF INVENTION: IMMUNOGENIC COMPOSITIONS AGAINST
 / TITLE OF INVENTION: HELICOBACTER INFECTION, POLYPEPTIDES FOR USE IN THE
 / TITLE OF INVENTION: COMPOSITIONS, AND NUCLEIC ACID SEQUENCES ENCODING SAID
 / TITLE OF INVENTION: POLYPEPTIDES
 / NUMBER OF SEQUENCES: 44
 / CORRESPONDENCE ADDRESS:
 / ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
 / ADDRESSEE: Dunner
 / STREET: 1300 I Street, N.W.
 / CITY: Washington
 / STATE: D.C.
 / COUNTRY: USA
 / ZIP: 20005-3315
 / COMPUTER READABLE FORM:
 / MEDIUM TYPE: Floppy disk
 / COMPUTER: IBM PC compatible
 / OPERATING SYSTEM: PC-DOS/MS-DOS
 / SOFTWARE: Patent Release #1.0, Version #1.30
 / CURRENT APPLICATION DATA:
 / APPLICATION NUMBER: US/08/467,822
 / FILING DATE: 06-JUN-1995
 / CLASSIFICATION: 435
 / PRIOR APPLICATION DATA:
 / APPLICATION NUMBER: US 08/447,177
 / FILING DATE: 19-MAY-1995
 / CLASSIFICATION: 435
 / APPLICATION DATA:
 / APPLICATION NUMBER: US 08/432,697
 / FILING DATE: 02-MAY-1995
 / CLASSIFICATION: 435
 / ATTORNEY/AGENT INFORMATION:
 / NAME: Meyers, Kenneth J.
 / REGISTRATION NUMBER: 25,146
 / REFERENCE/DOCKET NUMBER: 03495, 0137-02000
 / TELECOMMUNICATION INFORMATION:
 / TELEPHONE: (202) 408-4000
 / TELEFAX: (202) 408-4400
 / INFORMATION FOR SEQ ID NO: 19:
 / SEQUENCE CHARACTERISTICS:

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; LENGTH: 2619 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: 31..36
; OTHER INFORMATION: /standard_name= "Shine-Dalgarno"
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: 756..759
; OTHER INFORMATION: /standard_name= "Shine-Dalgarno"
; OTHER INFORMATION: sequence."
US-08-467-822-19

Alignment Scores:
Pred. No.: 1,3e-65 Length: 2619
Score: 572.50 Matches: 113
Percent Similarity: 69.64% Conservative: 43
Best Local Similarity: 50.45% Mismatches: 67
Query Match: 48.48% Indels: 1
DB: 2 Gaps: 1

US-09-904-994B-2 (1-226) x US-08-467-822-19 (1-2619)
QY 1 VallyeLeuthrProlygungluLyvPheLeuLeuTyTyraLaglyGuValaLa 20
DB 43 ATGAACCTAACCGCTTAAGAACTAGACAGTAACTGCTCATTAATGCGGAGATTGGCA 102
QY 21 ArglyvArglyvAlaglyLyLeuLyvLeuAanglInProgluAlailealTyTlIeser 40
DB 103 GAAGAACGCTTGCGCGGTGTGTGMACTCAATTACACCAAGCGGTGCGGCTCATTAAGC 162
QY 41 AlaHilIemeArpgluaIaArsgLyLyvLyvThrValaIagluLeuMetGluGu 60
DB 163 GGGCGGTGATGAAAAAGCGCGGTGATGAAATAAAGCGGTGAGATTGATGCAAGAA 222
QY 61 CyvemeHArpHeuLyvLyvArpGuValaMetProglYvAlglYvMetValProasp 80
DB 223 GCAGAGACTTGCGCTTAAGAAATGATGATGAGCGGCTGACAGCATGATTCATGAA 282
QY 81 LeuglyvAlgluAlaThrPheProArpGlyThLyvLeuValThrValaAntProile 100
DB 283 GTGGGATGAGCTAATCTCCCGATGGAACCAAGCTTGAATCACTACACTCGGTA 342
QY 101 GluProArpGluHArpHeuLyvAlaglyGuValLyvPheGlyCyvArpLyvArpIleGu 120
DB 343 GAGGATTAATGGCAATTAGCCCCCGGAGAGTC--TTCTTAATAATGAGGACATTACT 399
QY 121 LeuAenAlaGlYLyvGuValuValThrgluLeuGuValuThraangluGlyProLyvSerLeu 140
DB 400 ATTAACGCGCGGAAAGAGCAATTAAGCTTAAGTAAAGTAAAGGCAATGCTCTG 459
QY 141 HArvAlglYSerHArpHeuHArpHeuGlyuAlaAsnLyvAlaLeuLyvPheArpArGu 160
DB 460 CAGGTGGATCACTTCCACTTTCGAAGTGAATTAAGCTTGAATTCGATCGGCA 519
QY 161 LyvAlaTyGlyLyvArpGuLeuArpIleProSerGlyvAsnThreuArpIleGlyAlaGly 180
DB 570 AAAAGCTTTCGAAGCGCTGACATTCGTAAGCAAGCGGTGCGCTTGAACCGGG 579
QY 181 GlnThrArgLyvAlgluLeuIleProLeuGlyGlySerLyvLyvAlaIleGlyMetAsn 200
DB 580 GAGGAAAAAGTGTGAACCTGATGACATCGCGGAAATTAAGGCAATCTATGCGCTTAAT 639
QY 201 GlyLeuValaAsnArpIleAlaArpGuArpGlyvHArpHeuLyvAlaLeuArpLyvAlaLy 220
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QY 221 SerHArpGlyPhe 224
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DB 700 GAAAAAGTTTT 711

RESULT 6
US-08-432-697-19
; Sequence 19, Application US/08432697
; Patent No. 6248330
; GENERAL INFORMATION:
; APPLICANT: Labigne, Agnes
; APPLICANT: Sauberbaum, Sebastien
; APPLICANT: Perrezo, Richard L.
; APPLICANT: Thiberge, Jean-Michel
; TITLE OF INVENTION: IMMUNOGENIC COMPOSITIONS AGAINST
; TITLE OF INVENTION: HELICOBACTER INFECTION, POLYPEPTIDES FOR USE IN THE
; TITLE OF INVENTION: COMPOSITIONS, AND NUCLEIC ACID SEQUENCES ENCODING SAID
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farbow, Garrett &
; ADDRESSER: Dunner,
; STREET: 1300 I Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/432,697
; FILING DATE: 02-MAY-1995
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Meyers, Kenneth J.
; REGISTRATION NUMBER: 25,146
; REFERENCE/DOCKET NUMBER: 03495.0137-00000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 408-4400
; TELEFAX: (202) 408-4400
; INFORMATION FOR SEO ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2619 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: 31..36
; OTHER INFORMATION: /standard_name= "Shine-Dalgarno"
; OTHER INFORMATION: sequence."
; NAME/KEY: misc.feature
; LOCATION: 756..759
; OTHER INFORMATION: /standard_name= "Shine-Dalgarno"
; OTHER INFORMATION: sequence."
US-08-432-697-19

Alignment Scores:
Pred. No.: 1,3e-65 Length: 2619
Score: 572.50 Matches: 113
Percent Similarity: 69.64% Conservative: 43
Best Local Similarity: 50.45% Mismatches: 67
Query Match: 48.48% Indels: 1
DB: 3 Gaps: 1

US-09-904-994B-2 (1-226) x US-08-432-697-19 (1-2619)
QY 1 VallyeLeuthrProlygungluLyvPheLeuLeuTyTyraLaglyGuValaLa 20
DB 43 ATGAACCTAACCGCTTAAGAACTAGACAGTAACTGCTCATTAATGCGGAGATTGGCA 102
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Db 1352 CTCAGACGGCTGAAGATATTCATGATTAGTTCTTGCTTAAGGATACGCTTCT 1411
 Qy 202 SerlybysglneuvagluinvalgluvalaglyalleglypelysleuHiglu 221
 Db 1412 AACGATCGAGCTTACCGGATCAATTTGAAGCCGGTGGATGGCTTGGCAATTCACGAA 1471
 Qy 222 AAPTTClythrrThrProSerAlaileaspHisCysleuSerValAlaaspGluThyrAsp 241
 Db 1472 GACTGGGGACCACTCTCTTCGCAATCATCATCGTTAGATGTGGGACAAATATGAT 1531
 Qy 242 ValGlnValCysIleHsthAspThrValaangluaglyThyrValaaspThrleu 261
 Db 1532 GTGCAATCGCTATCCGACACAGACACTTGAATGAAGCCGTTGTGTGAAGACATATG 1591
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 Db 1592 GCTCTATGTGTGACGACATATGACCACTTCCACATGAAAGCGCTGGCGGGGACAC 1651
 Qy 282 SerProaspValIlethMetAlaGlyGluLeuLeuIleuProSerSerThrThyrPro 301
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 Qy 302 ThrIleProThrThrIleAsnThrValAlaGluHisleuAspMetleuMetThrCysHis 321
 Db 1712 ACCATCCCTTCAACCGTAAATACAGACAGACATGACATCTTATGTGTGACAC 1771
 Qy 322 HisleuaplyArgIleargIleuapleuInpSerGlnSerArgIleArgProGly 341
 Db 1772 CACTTGATTAAGATTAAGAAAGATGTCGTTGCGTGAATTCAGAGATCCGCTCA 1831
 Qy 342 SerIleAlaIleGluapValleuHisaspMetGlyValIleAlaMetThrSerSerasp 361
 Db 1832 ACCATGGCGGTGAAGACATTTGATGATGATGATGATGATGATGATGATGATGATGAT 1891
 Qy 362 SerGlnAlaMetGlyArgAlaGlyGluValIleProArgThrTrpGlnThrAlaAspHis 381
 Db 1892 TCTCAAGGATGGCGGT 1951
 Qy 382 AsnIleAspGluPheGlyIleleuPheProGluapGlyIleAspAsnAspAsnAspAsn 401
 Db 1952 AACCAAGAAAGATTTGGCGCTTGAAGAAAGAAAGGATATACAGACATTCAGATC 2011
 Qy 402 LysArgIleIleSerIleThrThrIleAsnProAlaIleuThrHisGlyValSerGluThr 421
 Db 2012 AAACCTCTCTGTCTTAATACCACTTAACCAAGGATGCTCATGGAATTAAGCAGAT 2071
 Qy 422 IleGlySerValGluGlyIleValIleAlaAspLeuValIleThrAspProAlaPhePhe 441
 Db 2072 GTAGGTTCATGTAAGTGGGCAAGTGGCTGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 2131
 Qy 442 GlyValIleProIleValIleleuIleGlyIleMetValIlePheSerGluMetGlyAsp 461
 Db 2132 GCGGGAACCAACATGATCATCAAGCGGATTCATTCGTTAAGCAATTTGGCGCAT 2191
 Qy 462 SerAsnAlaSerValProThrProGlnProValIleThrArgGluMetPheIleHis 481
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 Qy 482 GlyIleValIlePheAspThrSerIleThrPheValIleSerValAlaIleArgIleuAngly 501
 Db 2252 GGTAAAGCTAAATATCAACATCATCTTTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 2311
 Qy 502 ValIleGluIleuGlyIleuGluIleuArgIleuIleuProValIleuAsnCysArgAsnIle 521
 Db 2312 ATTAAGAAAGATTTGAAGCTTGAAGCAAGTGTTCGCTAAATAATTTGCAAGAAATATC 2371
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 Db 2372 ACTAAAGAAAGATGATCAATCAACGACATACCGCTCACTGAATGATCTCTGAATCT 2431
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 RESULT 5
 US-08-467-822-19
 : Sequence 19, Application US/08467822
 : Patent No. 5843460
 : GENERAL INFORMATION:
 : APPLICANT: Labigne, Agnes
 : APPLICANT: Sauerbaum, Sebastien
 : APPLICANT: Ferrero, Richard L.
 : APPLICANT: Thiberge, Jean-Michel
 : TITLE OF INVENTION: IMMUNOGENIC COMPOSITIONS AGAINST
 : TITLE OF INVENTION: HELICOBACTER INFECTION, POLYPEPTIDES FOR USE IN THE
 : TITLE OF INVENTION: COMPOSITIONS, AND NUCLEIC ACID SEQUENCES ENCODING SAID
 : NUMBER OF SEQUENCES: 44
 : CORRESPONDENCE ADDRESS:
 : ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
 : ADDRESSER: Dunner
 : STREET: 1300 I Street, N.W.
 : CITY: Washington
 : STATE: D.C.
 : COUNTRY: USA
 : ZIP: 20005-3315
 : COMPUTER READABLE FORM:
 : MEDIUM TYPE: Floppy disk
 : COMPUTER: IBM PC compatible
 : OPERATING SYSTEM: PC-DOS/MS-DOS
 : SOFTWARE: PatentIn Release #1.0, Version #1.30
 : CURRENT APPLICATION DATA:
 : APPLICATION NUMBER: US/08/467,822
 : FILING DATE: 06-JUN-1995
 : CLASSIFICATION: 435
 : PRIOR APPLICATION DATA:
 : APPLICATION NUMBER: US 08/447,177
 : FILING DATE: 19-MAY-1995
 : CLASSIFICATION: 435
 : PRIOR APPLICATION DATA:
 : APPLICATION NUMBER: US 08/432,697
 : FILING DATE: 02-MAY-1995
 : CLASSIFICATION: 435
 : ATTORNEY/AGENT INFORMATION:
 : NAME: Meyers, Kenneth J.
 : REGISTRATION NUMBER: 25,146
 : REFERENCE/DOCKET NUMBER: 03495, 0137-02000
 : TELECOMMUNICATION INFORMATION:
 : TELEPHONE: (202) 408-4000
 : TELEFAX: (202) 408-4400
 : INFORMATION FOR SEQ ID NO: 19:
 : SEQUENCE CHARACTERISTICS:
 : LENGTH: 2619 base pairs
 : TYPE: nucleic acid
 : STRANDEDNESS: double
 : TOPOLOGY: linear
 : MOLECULE TYPE: DNA (genomic)
 : FEATURE:
 : NAME/KEY: misc feature
 : LOCATION: 31..36
 : OTHER INFORMATION: /standard name= "Shine-Dalgarno
 : OTHER INFORMATION: sequence."
 : FEATURE:
 : NAME/KEY: misc feature
 : LOCATION: 756..759
 : OTHER INFORMATION: /standard name= "Shine-Dalgarno
 : OTHER INFORMATION: sequence."
 : US-08-467-822-19
 : Alignment Scores:
 : Pred. No.: 5,14e-241 Length: 2619
 : Score: 2244.00 Matches: 411

